CLAIMS

What is claimed is:

1	1. A portable telephone comprising:
2 .	a transceiver for transmitting and receiving data;
3	a display device; and
4	control circuitry coupled to the transceiver and the display device,
5	wherein the control circuitry s configured to enable the portable telephone to
6	send and receive electronic mail messages and voice messages using the
7	transceiver, wherein the control circuitry is further configured to cause a
8	graphical user interface to be displayed on the display device, the graphical
9	user interface allowing a user to access stored electronic mail messages and
10	voice messages from a single display screen rendered on the display device.
1	2. A portable telephone according to claim 1, wherein the portable telephone
2	is a cellular telephone of the hand-held variety.
1	3. A machine-implemented method of allowing a user to reply to a stored
2	message, the method comprising the steps of:
3	receiving a user input selecting the message, the message having been
4	received from a source;
5	in response to the user input, automatically entering an appropriate
6	one of a plurality of reply modes based on the source of the message.

1 4. A method according to claim 3, wherein the message can be either an

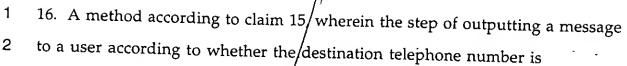
2 electronic mail message or a voice message.

- 1 5. A method according to claim 3, further comprising the step of receiving a
- 2 reply form for the message, the reply form provided by a sender of the
- 3 message.
- 1 6. A method according to claim 3, wherein the step of automatically entering
- 2 an appropriate one of a plurality of reply modes based on the source of the
- 3 message comprises the step/of selecting a reply message.
- 1 7. A method of enabling a user of a portable communication device to reply
- 2 to a stored message, the method comprising the step of transmitting
- 3 sequences of instructions from a host processing system to the portable
- 4 communication device, the sequences of instructions including instructions
- 5 which, when executed on the portable communication device, cause the
- 6 portable communication device to perform the method recited in claim 3.
- 1 8. In a wireless telephone communication device capable of receiving and
- 2 storing electronid mail messages and voice messages, a method of allowing a
- 3 user of the communication device to reply to a received message, the
- 4 communication device including a display device, the method comprising
- 5 the steps of:
- displaying an indication of a stored message on the display device,
- 7 wherein the stored message may be either an electronic mail message or a
- 8 voice message, the stored message having a source identifier;
- 9 receiving a user input selecting the received message; and

- in response to the user input, automatically entering an appropriate
 one of a plurality of reply modes based on the source identifier.

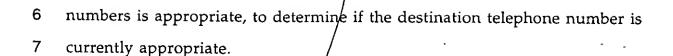
 9. A method according to claim 8, wherein the step of automatically
- 9. A method according to claim 8, wherein the step of automatically entering an appropriate one of a plurality of reply modes based on the source identifier comprises the step of automatically entering either an electronic mail reply mode or a voice reply mode based on the source identifier.
- 1 10. A method according to claim 9, wherein the source identifier comprises
- 2 Caller ID information, and wherein the step of automatically entering an
- 3 appropriate one of a plurality of reply modes based on the source identifier
- 4 further comprises the step of using the Caller ID information to identify the
- 5 source identifier as a telephone number.
- 1 11. A method according to claim/9, wherein the source identifier comprises a
- 2 telephone number, and wherein the step of automatically entering an
- 3 appropriate one of a plurality of reply modes based on the source identifier
- 4 further comprises the step of:
- 5 receiving Caller ID information specifying the telephone number; and
- 6 automatically initiating a dial-out sequence using the Caller ID
- 7 information in response to receiving the user input.
- 1 12. A method according to claim 8, wherein the step of automatically
- 2 entering an appropriate one of a plurality of reply modes based on the source
- 3 identifier further comprises the step of

4	identifying the source identifier as an electronic mail address; and
5	1
6	automatically selecting and displaying on the display device an
	appropriate reply form for the electronic mail address in response to the user
7	input.
1	13. A method of enabling a user of a wireless telephone communication
2	device to reply to a received message, the method comprising the step of
3	transmitting sequences of instructions from a host processing system to the
4	wireless telephone communication device, the sequences of instructions
5	including instructions which, when executed on the wireless telephone
6	communication device, cause the wireless telephone communication device
7	to perform the method recited in claim 8.
1	14. In a wireless hand-held telephone communication device, a method of
2	processing outgoing telephone calls, the method comprising the steps of:
3	receiving user inputs for initiating an outgoing call, the user inputs
4	specifying a destination telephone number;
5	
6	in response to the user inputs, automatically referencing the
	destination telephone number against a database to determine whether the
7	destination telephone number is currently appropriate.
1	15. A method according to claim 14, outputting a message to a user according
2	to whether the destination telephone number is determined to be currently
3	appropriate.

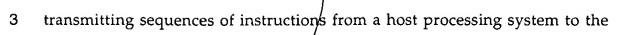


3 determined to be currently appropriate comprises the step of outputting the

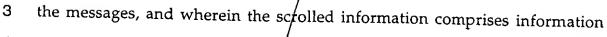
- 4 message prior to executing the outgoing call.
- 1 17. A method according to claim 16, the method further comprising the steps
- 2 of waiting for a second user input before executing the call, wherein the
- 3 second user input is in response to the outputting of the message.
- 1 18. A method according to claim 14, the database maintaining a plurality of
- 2 telephone numbers and/a set of times for which each of the telephone
- 3 numbers is appropriate.
- 1 19. A method of enabling a wireless hand-held telephone communication
- 2 device to process outgoing telephone calls, the method comprising the step of
- 3 transmitting sequences of instructions from a host processing system to the
- 4 communication device, the sequences of instructions including instructions
- 5 which, when executed on the communication device, cause the portable
- 6 communication device to perform the method recited in claim 14.
- 1 20. A portable telephone comprising:
- 2 means for receiving user inputs for initiating an outgoing call, the user
- 3 inputs specifying a destination telephone number; and
- 4 means for accessing a database, the database including a set of
- 5 telephone numbers and a set of times for which each of the telephone



- 1 21. A portable telephone according to claim 20, further comprising means for
- 2 outputting a message if the destination telephone number is determined not
- 3 to be currently appropriate.
- 1 22. A portable telephone according to claim 20, further comprising:
- 2 a display device; and
- 3 means for generating a graphidal user interface using the display
- 4 device.
- 1 23. In a portable telephone communication device, a method of conveying
- 2 current call information to a user, the method comprising the step of
- 3 displaying an animated indication of a duration of a current communication
- 4 session on a display device.
- 1 24. A method according to claim 23, wherein the animated indicator
- 2 comprises a non-alphanumeric graphical representation.
- 1 25. A method according to claim 24, wherein the indicator has the appearance
- 2 of an analog clock.
- 1 26. A method ϕ f enabling a portable telephone communication device to
- 2 convey current call information to a user, the method comprising the step of



- 4 communication device, the sequences of instructions including instructions
- 5 which, when executed on the communication device, cause the
- 6 communication device to perform the method recited in claim 23.
- 1 27. A wireless portable telephone comprising:
- 2 control circuitry;
- a transceiver coupled to the control circuitry for transmitting and
- 4 receiving data over a wireless medium; and
- 5 a display coupled to the control circuitry;
- 6 wherein the control circuitry is configured to automatically cause
- 7 information to be scrolled across the display.
- 1 28. A wireless portable telephone according to claim 27, wherein the
- 2 information comprises text information scrolled horizontally across the
- 3 display.
- 1 29. A wireless portable telephone according to claim 27, wherein the
- 2 telephone is operable in any of a plurality of modes, and wherein the control
- 3 circuitry is further configured to select the content of the scrolled information
- 4 according to a currently selected mode.
- 1 30. A wireless portable telephone according to claim 27, wherein the
- 2 telephone is configured to receive messages using the transceiver and to store



- 4 indicating the presence of a received message.
- 1 31. A wireless portable telephone according to claim 30, wherein the scrolled
- 2 information further comprises information identifying the source of the
- 3 recorded message.
- 1 32. A wireless portable telephone according to claim 30, wherein the scrolled
- 2 information further comprises information indicating the content of the
- 3 recorded message.
- 1 33. A wireless portable telephone according to claim 27, wherein the scrolled
- 2 information corresponds to data received from a remote source using the
- 3 transceiver, the data previously requested by a user.
- 1 34. A wireless portable telephone according to claim 33, wherein the scrolled
- 2 <u>information is descriptive of the data received from the remote source</u>
- 1 35. A method of allowing a user to transmit a message in a portable
- 2 telephone, the portable telephone including a display device, the method
- 3 comprising the steps of:
- 4 receiving previously/requested data from a remote source;
- displaying information representative of the previously requested data
- 6 on the display device;

telephone.

7	in response to a user input initiating a transmission mode,
8	automatically selecting a form for a message to be transmitted based on a
9	content of the displayed information at the time the user input is received.
1	36. A method according to claim 35, wherein the portable telephone is
2	configured to send and receive electronic mail messages; and
3	wherein the step of automatically selecting a form for a message to be
4	transmitted comprises the step of automatically selecting a form for an
5	outgoing electronic mail message based on a content of the displayed
6	information at the time the user input is received.
	Joseph Mario Teccivea.
1	37. A method of enabling a portable telephone to allow a user to transmit a
2	message, the method comprising the step of transmitting sequences of
3	instructions from a host processing system to the portable telephone, the
4	
5	sequences of instructions including instructions which, when executed on the
6	portable telephone, cause the portable telephone to perform the method
0	recited in claim 35.
\ 	38. A method of allowing a user to transmit a message in a portable
2	telephone, the method comprising the steps of:
3	receiving data from a remote source;
4	monitoring the content of the data for predetermined content; and
5	in response to detecting the predetermined content, automatically
6	entering a mode for allowing a user to transmit a message from the

- 1 39. A method according to claim 38, wherein the step of automatically
- 2 entering a mode for allowing a user to transmit a message from the telephone
- 3 comprises the step of automatically selecting a message to be transmitted in
- 4 response to detecting the predetermined content.
- 1 40. A method according to claim 38, wherein the step of automatically
- 2 entering a mode for allowing a user to transmit a message from the telephone
- 3 comprises the step of automatically selecting a format of a message to be .
- 4 transmitted in response to detecting the predetermined content.
- 1 41. A method according to claim 40, wherein the telephone is configured to
- 2 send and receive electronic mail messages and to display received electronic
- 3 mail messages to a user; and
- 4 wherein the step of automatically selecting a format of a message to be
- 5 transmitted comprises the step of automatically selecting a form for an
- 6 outgoing electronic mail message in response to detecting the predetermined
- 7 content.
- 1 42. A method of enabling a portable telephone to allow a user to transmit a
- 2 message, the method comprising the step of transmitting sequences of
- 3 instructions from a host processing system to the portable telephone, the
- 4 sequences of instructions including instructions which, when executed on the
- 5 portable telephone, cause the portable telephone to perform the method
- 6 recited in claim 38.